



Tecumseh Compressor Company

Indoor Condensing Unit

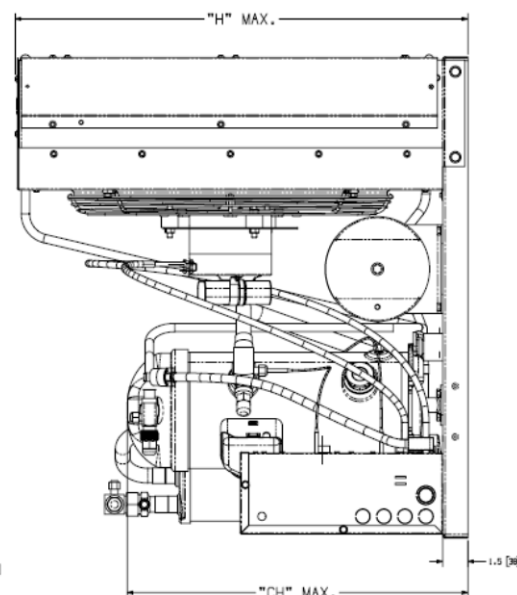
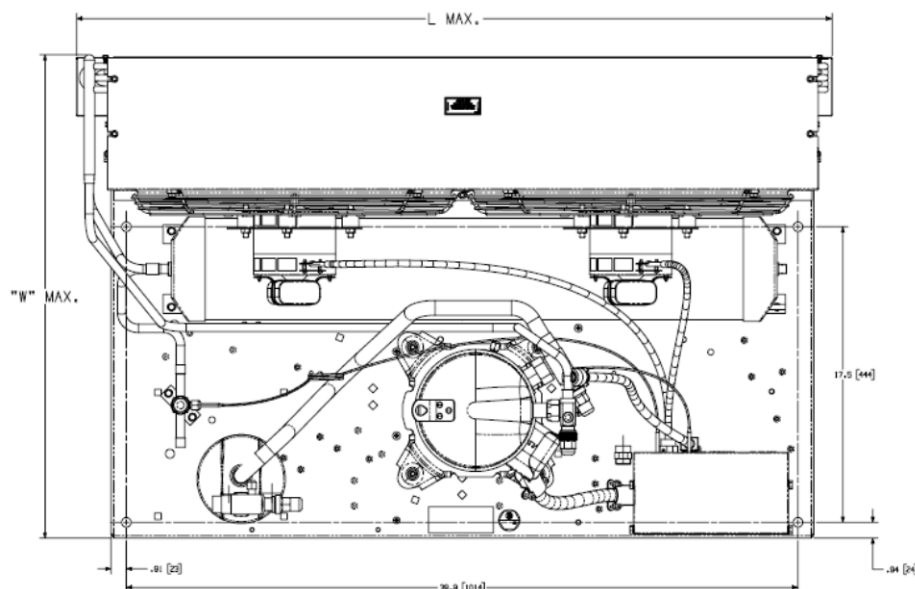
Model: VSC9534ZNAXM

BoM: 2A4097-1

R-404A

4 1/2 HP

AIRCOOLED



Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
VSC9534ZNAXM	44.9	28.6	26.9	20.2	7/8" S	1/2" S	41 lbs.	4200	53	235

* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting

Factory charge: 20 PSIG Nitrogen – **MUST BE EVACUATED**

Ambient Temperatures													
Evaporator T,		80°F			90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
-10	23.2	19100	3790	91	17900	4280	101	16300	4720	110	14400	5130	120
-5	27.5	21000	3840	92	19600	4340	102	17900	4790	111	15800	5220	121
0	32.1	23500	3910	93	21900	4410	103	20000	4880	113	17700	5320	122
5	37.0	26600	4000	94	24700	4510	104	22500	4980	114	20100	5440	124
10	42.4	30100	4100	96	28000	4610	105	25500	5090	115	22900	5560	125
15	48.2	34000	4210	97	31500	4730	107	28800	5210	116	25900	5680	126
20	54.5	38200	4330	99	35300	4850	108	32200	5330	118	29100	5810	127
25	61.2	42500	4460	100	39300	4970	110	35900	5450	119	32300	5930	129
30	68.4	47000	4590	102	43400	5090	111	39500	5570	121	35700	6050	130
35	76.1	51500	4720	104	47400	5210	113	43200	5680	122	38900	6160	131
40	84.4	55900	4840	106	51400	5320	115	46700	5790	124	42000	6260	133

60 Hz Performance

Return gas temp 40°F below 20°F evaporator, and 65°F above 20° evap, 5°F sub cooling

Specifications/ Parts:

Unit Model	VSC9534ZNAXM
Unit Bill of Material	2A4097-1
Refrigeration Range	-10° F to +45° F
Design Pressure Low	181
Design Pressure High	450
Nominal Volts-Hz-Ph	208-230/60/1
Voltage Range	197 - 254
Min. Circuit Ampacity	34.2
Max. Fuse Size (amps)	50
Compressor Model	VSC9530ZNA
Comp. Bill of Material	VS224ET-104-J7
Compressor RLA/LRA	24.4/150
Overload	Internal
Relay	N/A
Run Capacitor	85PR370F29
Start Capacitor	N/A
Contactors	91012H
Fan Motor	810S186B40 (2)
Fan Motor RLA	1.90
Fan Blade	51528-3 (2)
Fan Shroud	70611-1
Fan Guard	70832 (2)
Condenser	50785-4

High Pressure Switch	84095-2
Low Pressure Control	84026-2
Check Valve	N/A
Discharge Valve	31527-2
Liquid Valve	56596
Suction Valve	31529-1
Receiver Tank	51083
Accumulator	TK00046000
Liquid Filter	N/A
Sight Glass	N/A
Suction Filter	N/A
Unit Drawing	DGU1950-17
Wiring Diagram	WD21-T001
Replacement Kit: Relay	N/A
Replacement Kit: O/L	N/A
Replacement Kit: St. Cap	N/A

Electrical Diagram

